

1. Sufficient Funds to Meet Non-XM and XM Customer Claims:

	Non-XM	XM	Total
Funds in 4d(a) segregation	150	150	300
4d(a) Segregation requirement	150	150	300
Shortfall (dollars)	0	0	
Shortfall (percent)	0	0	
Distribution	150	150	300

There are adequate funds available and both the non-XM and the XM customer claims will be paid in full.

2. Shortfall in Non-XM Only:

	Non-XM	XM	Total
Funds in 4d(a) segregation	100	150	250
4d(a) Segregation requirement	150	150	300
Shortfall (dollars)	50	0	
Shortfall (percent)	50/150=33.3	0	
<u>Pro rata</u> (percent)	150/300=50	150/300=50	
<u>Pro rata</u> (dollars)	125	125	
Distribution	125	125	250

Due to the non-XM account, there are insufficient funds available to meet both the non-XM and the XM customer claims in full. Each customer will receive his pro rata share of the funds available, or 50% of the \$250 available, or \$125.

3. Shortfall in XM Only:

	Non-XM	XM	Total
Funds in 4d(a) segregation	150	100	250
4d(a) Segregation requirement	150	150	300
Shortfall (dollars)	0	50	
Shortfall (percent)	0	50/150=33.3	
<u>Pro rata</u> (percent)	150/300=50	150/300=50	
<u>Pro rata</u> (dollars)	125	125	
Distribution	150	100	250

Due to the XM account, there are insufficient funds available to meet both the non-XM and the XM customer claims in full. Accordingly, the XM funds and non-XM funds are treated as separate pools, and the non-XM customer will be paid in full, receiving \$150 while the XM customer will receive the remaining \$100.

4. Shortfall in Both, With XM Shortfall Exceeding Non-XM Shortfall:

	Non-XM	XM	Total
Funds in 4d(a) segregation	125	100	225
4d(a) Segregation requirement	150	150	300
Shortfall (dollars)	25	50	
Shortfall (percent)	25/150=16.7	50/150=33.3	
<u>Pro rata</u> (percent)	150/300=50	150/300=50	
<u>Pro rata</u> (dollars)	112.50	112.50	
Distribution	125	100	225

There are insufficient funds available to meet both the non-XM and the XM customer claims in full, and the XM shortfall exceeds the non-XM shortfall. The non-XM